

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	1	(desulfurization)and(gasoline)and(FCC)and(selective)and(hydrogenation)and(diolefin)and(catalyst)and(group adj VIII)and(hydrogen)and(stoichiometric)and(liquid)and(phase)and(extraction)and(solvent)and(raffinate)and(sulfur)and(aromatic).clm.	US-PGPUB	OR	OFF	2007/05/17 07:05

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(desulfurization)and(gasoline)and(FCC)and(selective)and(hydrogenation)and(diolefin)and(catalyst)and(group adj VIII)and(hydrogen)and(stoichiometric)and(liquid)and(phase)and(extraction)and(solvent)and(raffinate)and(olefin)and(paraffin)and(naphthene)and(sulfur)and(aromatic).clm.	US-PGPUB	OR	OFF	2007/05/17 07:04
L2	0	(desulfurization)and(gasoline)and(FCC)and(selective)and(hydrogenation)and(diolefin)and(catalyst)and(group)and(periodic)and(hydrogen)and(stoichiometric)and(liquid)and(phase)and(extraction)and(solvent)and(raffinate)and(olefin)and(paraffin)and(naphthene)and(sulfur)and(aromatic).clm.	US-PGPUB	OR	OFF	2007/05/17 07:01
L13	1	(desulfurization)and(gasoline)and(FCC)and(selective)and(hydrogenation)and(diolefin)and(catalyst)and(group adj VIII)and(hydrogen)and(stoichiometric)and(liquid)and(phase)and(extraction)and(solvent)and(raffinate)and(sulfur)and(aromatic).clm.	US-PGPUB	OR	OFF	2007/05/17 07:05
S1	12	"3200165"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/08/17 11:31
S2	2	"EP 1077247"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 13:18
S3	1	"JP 07242570"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 13:24
S4	1327	(hydrocarbon)and(hydrogenation)and(extract\$8)and(desulfuriz\$8)and(distillat\$8)and(solvent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 13:30

## EAST Search History

S6	146	(hydrocarbon)same(hydrogenation)and(extract\$8)same(desulfuriz\$8)same(distillat\$8)and(solvent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 13:31
S7	71	(hydrocarbon)same(hydrogenation)same(extract\$8)same(desulfuriz\$8)same(distillat\$8)and(solvent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 08:11
S8	17	(hydrocarbon)same(hydrogenation)same(diolefin)and(extraction)and(solvent)and(aromatic\$4)and(desulfuriz\$8)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:12
S9	1	"7025872"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 14:27
S10	2	"10/761,240"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 14:28
S11	1	"60/154,036"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 14:48
S12	49	"5318690"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 14:48
S13	901	(naphtha or gasoline)and(extraction)and(solvent)and(aromatic\$4)and(desulfuriz\$8)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:14
S14	2626	(naphtha or gasoline)and(extraction)same(solvent)and(aromatic\$4)same(sulfur)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:14
S15	379	(naphtha or gasoline)same(extraction)same(solvent)same(aromatics)same(sulfur)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:15

## EAST Search History

S16	47	(naphtha or gasoline)near4(extraction)same(solvent)same(aromatics)same(sulfur)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:32
S17	26	(naphtha or gasoline)near4(extractive adj distillation)same(solvent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:38
S18	9	(naphtha or gasoline)near4(extractive adj distillation)same(glycol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/19 15:38
S21	2	"10/109,850"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:37
S22	1	"09/628,177"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 09:06
S23	141	(gasoline or naphtha)and(hydrogenation)same(diolefin)and(palladium)and(group VIB)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 08:12
S24	113	(gasoline or naphtha)and(hydrogenation)same(diolefin)and(palladium)same(group VIB)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 08:13
S25	1	"09/686,889"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 09:06
S26	1	"10/705,868"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/05/17 06:54
S27	467	"208/97"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:40

## EAST Search History

S29	352	"208/208R"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:39
S30	494	"208/211"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:39
S31	126	"208/237"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:40
S32	216	"208/255"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:40
S33	283	"208/144"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/20 11:40
S34	13	"3457163"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/08/17 11:32
S35	182	(hydrocarbon)and(hydrogenation)and d(extract\$8)same(desulfuriz\$8)sam e(distillat\$8)and(solvent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/03/14 10:05